

Patent claims

1. A work table with a worktop for mounting tools,
wherein the worktop (2) exhibits at least one or a
5 plurality of recesses (4), arranged in each case
in each recess (4) is a worktop segment (5) that
is rotatably mounted in the worktop (2) about an
axis of rotation (28) running parallel with the
upper surface of the worktop (2); the work table
10 (1) comprises devices for locking the worktop
segment (5) in the worktop (2); the worktop
segment (5) in the area of the axis of rotation
(28) is mounted in each case in two guides
embodied on the work table; and the worktop
15 segment (5) is capable of displacement alone or
with the axis of rotation (28) along the guides
parallel with the upper surface of the worktop (2)
and the upper surface of the worktop segment (5.1)
in the locked state and the upper surface of the
20 worktop (2) form a plane, and a first edge (25 or
26) of the worktop segment (5.1) in the locked
state is a part of an outer edge of the worktop
(2), characterized in that the first edge (25) of
the worktop segment (5.1) exhibits a first groove
25 (15), the second edge (26) of the worktop segment
(5.1) lying opposite this edge (25) exhibits a
second groove (16), and the worktop (2) in the
recess (4) exhibits a first web (12), which is
complementary to the first (15) and second grooves
30 (16),

wherein the first web (12) is executed on the edge
of the worktop (2), which in the locked state of
the worktop segment (5.1) is adjacent to the
35 second edge (26 or 25) of the worktop segment, and
wherein

in the locked state the first web (12) engages in the second groove (16) and in the unlocked state the engagement between the web (12) and the second groove (16) is released, the upper surface of the worktop segment (5.2) in the locked state is arranged parallel with the upper surface of the worktop (2), wherein

the worktop segment (5.2) is present either in a first plane or in a second plane, wherein

the second plane runs below the first plane in relation to the height of the work table (1);

the upper surface of the worktop segment (5.2) and the upper surface of the worktop (2) form a plane if the worktop segment (5.2) is present in the first plane; and

the upper surface of the worktop segment (5.2) is present below the upper surface of the worktop (2) in relation to the height of the work table (1) if the worktop segment (5.2) is present in the second plane, and a horizontal displacement of the plate segment (5) by blocking the axis of rotation (28) of the plate in the indexable blocks (8 or 14) is prevented with the locking levers (6, 7), and the locking of the plate segment is effected via the webs (12, 13).

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2. The work table as claimed in claim 1, characterized in that the first edge (25) of the worktop segment (5.2) exhibits a first groove (15), the second edge (26) of the worktop segment (5.2) lying opposite this edge (25) exhibits a second groove (16), and the worktop exhibits a

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first web (12) which is complementary to the second groove (16),

wherein the first web (12) is executed on the edge of the worktop, which, when the worktop segment (5.2) is in the first plane, in the locked state of the worktop segment (5.2), is adjacent to the second edge (16) of the worktop segment (5.2), and wherein

in the locked state the first web (12) engages in the second groove (16), when the worktop segment (5.2) is in the first plane, and in the unlocked state the engagement between the first web (12) and the second groove (16) is released.

3. The work table as claimed in claims 1 and 2, characterized in that the distance between the first plane and the second plane is variable.

4. The work table as claimed in claims 1 to 3, characterized in that the worktop segment (5) exhibits four locking grooves (17), wherein in the locked state two locking levers (6, 7) in each case are in engagement with the locking grooves (17).

5. The work table as claimed in one of the preceding claims, characterized in that the locking levers (7) are each mounted in a rotatable fashion on the work table (1) via struts (31) and exhibit a retaining hook (32) which in the locked state of the worktop segment (5) engages with a retaining plate (34), which is executed on the locking grooves (17).